

Property	Test Condition	Test Method ISO	Units	Alloy	
				ABS/PA Alloy	
				SX01	
				>PA6+ABS<	
<b>Physical property</b>					
Density	23°C	ISO1183	kg/m <sup>3</sup>		1070
Specific Gravity		ASTM D792	-		1.07
<b>Mechanical property</b>					
Tensile strength	23°C	ISO527-1,2	MPa		51
Tensile strength		ASTM D638	MPa		46
Tensile elongation at Break		ASTM D638	%		50
Elongation at Break	23°C	ISO527-1,2	%		50
Flexural Strength	23°C	ISO178	MPa		72
Flexural Strength		ASTM D790	MPa		68
Flexural Modulus	23°C/50% RH	ISO 178	MPa		1860
Flexural Modulus		ASTM D790	MPa		1780
Rockwell Hardness	23°C	ISO2039-2	R Scale		103
Rockwell Hardness	23°C/50% RH	ASTM D785	Rスケール		103
Charpy Impact Strength (V-notched)	23°C	ISO179	kJ/m <sup>2</sup>		74
Izod Impact Strength (V-notched)	23°C 12.7mm	ASTM D256	J/m		588
Izod Impact Strength (V-notched)	23°C 3.2mm	ASTM D256	J/m		883
<b>Heat property</b>					
Heat Deflection Temp High Load	1.80MPa	ISO75-1,2	°C		67
Heat Deflection Temp(Unannealed)High Load	6.4mm/1.82MPa	ASTM D648	°C		78
Flammability		UL94	rank/thickness mm		HB
<b>Molding property</b>					
Mold shrinkage	23°C/50% RH	Toray Method	%		0.6-1.3
Melt Flow Rate	240°C/98N	ISO 1133	g/10min		22

These values are typical data for this product under specific test conditions and not intended for use as limiting specifications.

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